

**WHAT IS CLAIMED IS:**

1. A Formulation comprising  
water in an amount of about 0.13 to about 0.18 percent (w/w) of the product formulation,  
5 at least one HFA as a propellant,  
one or more active ingredients, and  
one or more excipients.
2. The formulation according to claim 1 wherein the amount of water is 0.13 to 0.16 %w/w  
10 of the product formulation.
3. The formulation according to claim 1 wherein the active ingredients are albuterol sulfate  
and ipratropium bromide.
- 15 4. The formulation according to claim 3 wherein the HFA propellant is HFA 134a.
5. The formulation according to claim 4 wherein the excipients are ethanol, citric acid and  
polyvinylpyrrolidone.
- 20 6. A metered dose inhaler comprising  
a formulation according to claim 3 wherein the albuterol sulfate, and the ipratropium  
bromide of the formulation is suspended;  
a valve containing a metering chamber that is an area for the formulation to be dosed or  
dispensed to reside between actuations or dosings.
- 25 7. A process of making a formulation according to the claim 5 comprising:  
preparing a concentrate by adding :  
ethanol, citric acid, ipratropium bromide monohydrate, polyvinylpyrrolidone and  
albuterol sulfate;  
30 preparing a propellant, ethanol and water mixture, said mixture containing:

propellant HFA 134a,  
a mixture of ethanol and water;

adding the concentrate to the mixture of propellant-ethanol-water to provide the  
formulation.

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